

**ETIRA**

Section 24(c) Special Local Need Label

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF IDAHO**BEACON®****EPA REG. NO 100-705
EPA SLN NO. ID-990007****For Weed Control in Seedling and Established Stands of Kentucky
Bluegrass Grown for Seed Production Only****SYNGENTA'S SPECIAL CONDITIONS AND DISCLAIMER FOR USE OF BEACON
ON BLUEGRASS GROWN FOR SEED PRODUCTION ONLY**

SYNGENTA CROP PROTECTION, INC. INTENDS THAT THIS SECTION 24(c) LABEL BE DISTRIBUTED ONLY TO THE FOLLOWING END USERS: MEMBERS OF THE NEZ PERCE PRAIRIE GRASS GROWERS ASSOCIATION OR NORTH IDAHO FARMERS ASSOCIATION OR BY GROWERS GROWING KENTUCKY BLUEGRASS FOR THE FOLLOWING SEED CONDITIONERS: CENEX SUPPLY & MARKETING, DYE SEED RANCH, WAMICA SEED, JACKLIN SEED CO., ABT/CLARK SEED, SEEDS INC., GRASSLAND WEST, GREAT BASIN SEED, HEART SEED, LESCO, INC., BARENBRUG, ZAJAC PERFORMANCE SEEDS, INC., LARRY GADY FARMS, AND SEED RESEARCH OF OREGON. SYNGENTA INTENDS THAT THIS LABEL BE DISTRIBUTED ONLY TO END USERS AND/OR GROWERS WHO AGREE IN WRITING TO THE TERMS AND CONDITIONS REQUIRED BY SYNGENTA INCLUDING A WAIVER AND RELEASE FROM ALL LIABILITY AND INDEMNIFICATION BY THE USER AND/OR GROWER OF SYNGENTA AND OTHERS FOR FAILURE TO PERFORM AND CROP DAMAGE FROM USE OF BEACON ON BLUEGRASS GROWN FOR SEED PRODUCTION ONLY. IF SUCH TERMS AND CONDITIONS ARE UNACCEPTABLE RETURN BEACON AT ONCE UNOPENED.

THIS PRODUCT, WHEN USED ON BLUEGRASS GROWN FOR SEED MAY LEAD TO CROP INJURY, LOSS, OR DAMAGE. SYNGENTA RECOMMENDS THAT THE USER AND/OR GROWER TEST THIS PRODUCT IN ORDER TO DETERMINE ITS SUITABILITY FOR SUCH INTENDED USE. SYNGENTA MAKES THIS PRODUCT AVAILABLE TO THE USER AND/OR GROWER SOLELY TO THE EXTENT THE BENEFIT AND UTILITY, IN THE SOLE OPINION OF THE USER AND/OR GROWER, OUTWEIGH THE EXTENT OF POTENTIAL INJURY ASSOCIATED WITH THE USE OF THIS PRODUCT. THE DECISION TO USE OR NOT TO USE THIS HERBICIDE MUST BE

MADE BY EACH INDIVIDUAL USER AND/OR GROWER ON THE BASIS OF POSSIBLE CROP INJURY FROM BEACON, THE SEVERITY OF WEED INFESTATION, THE COST OF ALTERNATE WEED CONTROLS, AND OTHER FACTORS. BECAUSE OF THE RISK OF FAILURE TO PERFORM OR CROP DAMAGE ALL SUCH USE IS AT THE USER'S AND/OR GROWER'S RISK.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR PEST CONTROL, CROP INJURY, AND/OR ILLEGAL RESIDUES.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Follow all applicable directions, restrictions, and precautions including statements pertaining to the Worker Protection Standards, on the EPA-registered Beacon label.

This label must be in the possession of the user at the time of pesticide application.

This herbicide controls weeds by inhibiting a biochemical process which produces certain essential amino acids necessary for plant growth. The inhibited enzyme system is acetolactate synthase (ALS). Occurrence of ALS-resistant weed biotypes can be prevented or delayed by using this product in sequence with other herbicides having a different mode of action, and by using some form of mechanical control or a herbicide with a different mode of action to control weed escapes before they set seed.

Cleaning Equipment After Beacon Application

Because many crops are extremely sensitive to low rates of Beacon, special attention must be given to cleaning equipment before spraying a crop other than Kentucky bluegrass. Mix only as much spray solution as needed. Immediately after spraying, clean equipment thoroughly using this procedure:

1. Prepare a tank cleaning solution of 1 gal. of household ammonia per 50 gals. of water. Use sufficient cleaning solution to thoroughly rinse all surfaces.
2. When available use a pressure rinser to clean the inside of the spray tank with this solution. Start agitation in the sprayer and thoroughly recirculate the cleaning solution for at least 15 minutes. All visible deposits must be removed from the spraying system.
3. Dispose of rinseate in an appropriate manner. Spray the cleaning solution on untreated Kentucky bluegrass, or return to a rinseate tank for later use as make-up water for spraying Kentucky bluegrass.

4. Repeat steps 1-3.
5. Remove nozzles and screens and clean separately after completing the above procedures to avoid injury to crops sprayed after the Beacon/Kentucky bluegrass application.

**Seedling and Established Stands of Kentucky Bluegrass (*Poa pratensis* L.)
Grown for Seed Production**

Beacon can be applied postemergence to seedling and established stands of Kentucky bluegrass with at least one tiller (4 to 5 leaves) but prior to jointing for control of emerged weeds such as quackgrass, windgrass, partial control of cheat and downy brome, and other weeds in Table 1. Weeds must be within the recommended size range. The bluegrass and weeds must be actively growing and under good growing conditions.

Apply Beacon at 0.76 oz./A (one water-soluble packet for 2 acres); or it may be applied as a split application of 0.38 oz./A (one water-soluble packet for 4 acres) followed by another 0.38 oz./A.

If a split application is used, the initial application should be made when weed sizes are within the range specified for optimum control in the following table; and the second half of the application should be made when the new weed growth or regrowth is again within the recommended size range for optimum control, generally 3-4 weeks after the initial application.

As specified on the EPA-registered Beacon label, the total amount of Beacon applied per calendar year must not exceed 0.76 oz./A.

Application should be a broadcast spray with ground equipment in a minimum of 10 gallons of water per acre. Refer to the EPA-registered Beacon label for mixing instructions, recommended spray volumes, and additive requirements. In general, a crop oil concentrate is the preferred additive when Beacon is applied alone for weed control in Kentucky bluegrass grown for seed. Tank-mixing Beacon with other herbicides is not recommended because of limited tank-mix testing to date; however, if Beacon is tank mixed with other products, the use of a nonionic surfactant instead of crop oil concentrate is recommended, to reduce the risk of crop injury from certain mixtures. **Syngenta Crop Protection, Inc. will not be responsible for crop injury from tank mixtures of Beacon with other herbicides applied to Kentucky bluegrass.** In addition, do not apply Beacon in tank mixture with, nor within 10 days before or 10 days after the application of, any organophosphate insecticide.

Aerial Application: Apply Beacon in water using a minimum spray volume of 5 gals. per acre. Include a nonionic surfactant, i.e., X-77®, at 1 qt. per 100 gals. of spray mix (0.25% volume/volume), or a good quality crop oil concentrate at no more than 2 pts. per acre (See Mixing Instructions on the EPA-registered Beacon label). Avoid application under conditions where uniform coverage cannot be obtained or where

spray drift may occur. Make applications at a maximum height of 10 ft. above Kentucky bluegrass with low drift nozzles at a maximum pressure of 40 psi and wind speed not exceeding 10 mph to assure accurate Beacon application within the target area.

Notes: (1) **DO NOT** treat new seedlings of Kentucky bluegrass with Beacon if the plants have less than one established tiller and are not in good vigor and growing condition. Applications can be made in the spring, when the target weeds are in the recommended size range, and both the bluegrass and weeds are actively growing. Do not apply Beacon when the Kentucky bluegrass is stressed due to drought, excessive heat, frost, flooding, poor fertility, diseases, insects, or other reason. Stunting of bluegrass may occur following application and, in some instances, seed yields may be adversely affected. Early applications to actively growing weeds and bluegrass give the best results. (2) **DO NOT** irrigate within 4 hours after a Beacon application. (3) **DO NOT** harvest bluegrass hay or allow livestock to graze in treated fields until after grass seed has been harvested and grass regrowth has occurred. At a minimum, this must be at least 90 days after a Beacon application. (4) **DO NOT** harvest bluegrass seed for at least 60 days after a Beacon application. (5) **DO NOT** rotate to sugar beets for a minimum of 30 months following an application of 0.76 oz./A of Beacon. (6) Other rotational crop restrictions on the federally approved label for corn must be followed.

In order to mitigate risks to the endangered species, McFarlane's Four O'Clock, the Idaho Department of Agriculture has defined a "no spray area" in Idaho County which will be south of a line, four miles north of White Bird, Idaho. Users in Idaho County must have a map of the "no spray area". The map can be obtained from the growers association or seed conditioner.

In order to avoid damage to Water Howelia, do not make applications in Latah County within 4 miles of the city of Harvard.

Refer to the following table for information on weeds controlled at recommended rates and weed diameter/height ranges for optimum control:

Table 1

Weeds Controlled with Beacon Applied Postemergence at 0.76 oz./A (or Split Application of 0.38 oz./A + 0.38 oz./A)	
Weed Species	Weed Diameter or Height Range for Optimum Control (inches)
Blue Mustard	1-6
Broadleaf Plantain	1-5*
Canada Thistle	1-8*
Catchweed Bedstraw	1-6
Cheat	1-5*
Common Chickweed	1-3
Common Ragweed	1-9
Dandelion	1-6*
Downy Brome	1-4*
Fall Panicum	1-2
Field Pennycress	1-6
Field Sandbur	1-4*
Flixweed	1-6
Henbit	1-3
Italian Ryegrass	1-4*
Jacob's Ladder	1-4
Mayweed Chamomile	1-4
Meadow Foxtail	1-3*
Mouseear Chickweed	1-3*
Prickly Lettuce	1-6
Quackgrass	2-8
Smooth Brome	1-4*
Tumble Mustard	1-6
White Clover	1-4
Wild Oats	1-4*
Windgrass	1-3
Yellow Foxtail	1-3*
*Partial Control/Suppression	

Table 4 of the EPA-registered Beacon label will aid in determining the number of water-soluble packets need to treat various acreages with single or split applications.

In addition to the postemergence activity of Beacon, residual (preemergence) control of most sensitive weed species can be expected for two-four weeks.

Refer to the EPA registered Beacon label for additional weeds controlled, restrictions and precautions, including rotational crop restriction.

Chemigation: Do not apply this product through any type of irrigation system.

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